Point-Slope Form Assignment Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Write an equation in point-slope form, given the following points and slopes. Then graph the line.

1) P = (3,2) m = 2 2) P = ( -4,1) m = ½

 

3) P = (5,0) m = -3 4) P = (-2,-3) m = 2/3

 

5) P = (4,5) m = 9 6) P = (7, -4) m = 2/5

 

Write an equation in slope intercept form given the following point and slope

7) P = (1,1) m = 2 8) P = (-2,-5) m = ½

9) P = (3,6) m = 1/3 10) P = ( -6,4) m = 0

Write an equation in point slope form given two points.

11) ( 1,1) ( 2,3) 12) (-3,5) ( 1,6)

13) ( -2,-2) (2, -3) 14) (4,5) ( -3,5)

Write an equation in slope intercept form given two points.

15) (4,5) 6,1) 16) (5,5) (0,1)